

SSC100K PV Inverter

SSC Series

With efficient low-frequency isolation design, the SSC series inverters are applied to large-scale photovoltaic power plants. The paralleling mode and wide input DC voltage range brings the power plant design more flexible. The perfect thermal design guarantees cooling efficiency and stable operation. Equipment maintenance is more convenient with the user-friendly menu , powerful data storage & processing .



High Yields:

- Maximum efficiency of 97.1%
- Best tracking efficiency with, advanced MPP tracking

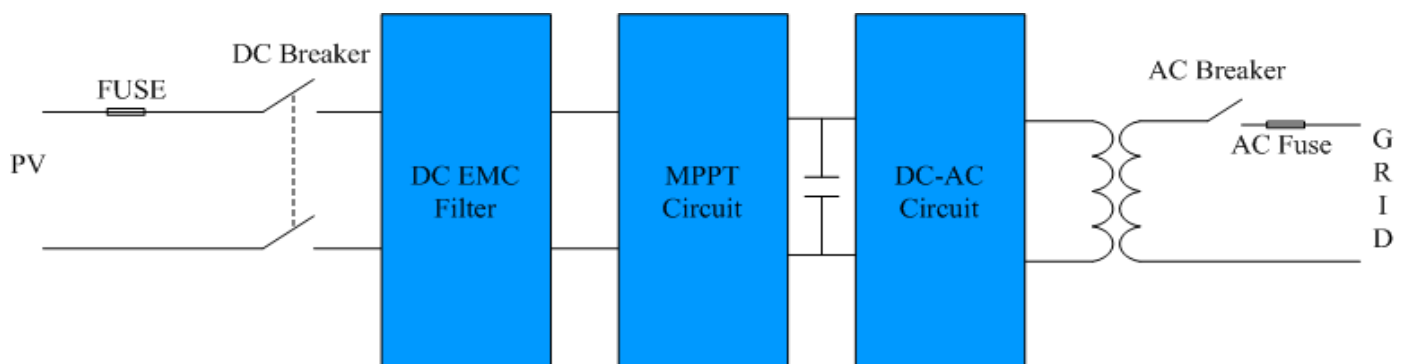
Reliable:

- Low Voltage Ride Through
- PC board isolation within the cabinet
- Dual intelligent, data processing, detecting and protection

User-friendly:

- Unified interface management, and modular design
- Multilingual LCD display
- Support RS485 , Ethernet and GPRS

Diagram :



Technical data

Model	SSC100K
Input Data	
Max. DC Voltage	1000 Vdc
MPPT Voltage Range	450-820 Vdc
Max. DC input power	115kW
Max. Input current	250A
Number of Parallel Inputs	2
Number of MPP Trackers	1
Output Data	
Nominal AC Output Power	100kW
Max. Output Power (KW)	110kW
Nominal Output Current (A)	144
Max Output Current (A)	158
Nominal AC Output Voltage (Vac)	400
AC Output voltage range (Vac)	360-440
AC Grid frequency range (Hz)	50
Power Factor (cosφ)	0.9 (leading) ~ 0.9 (lagging)
THDI	< 3%,
Max. efficiency	97.1%
Euro. efficiency	96.4%
MPPT. efficiency	99.9%
General data	
Operating Temperature(°C)	-25°C ~ +60°C(derated power above 50°C)
Altitude (m)	6000(derated power above 3000m)
Noise typical [dB(A)]	< 65
Operating Consumption (W)	< 100
Electrical Isolation	Transformer
Cooling Concept	Fan Cooling
Protect Level	IP20
Communication	RS485
Dimension (W×D×H) (mm)	800*700*1750
Weight (Kg)	810